



AEM - 8 September 2014

Outline



- Installation at LArTF
 - Since the last AEM report
 - Plans for the coming month

Installation at LArTF - August

- ❑ Piping attached directly to the vessel
 - Consists of six pipes/welds
 - Five failed the weld inspection
 - Cut off and re-done
 - Much discussion as to causes and any changes to procedures going forward
 - uB Project is finalizing a report for Lab Mgmt



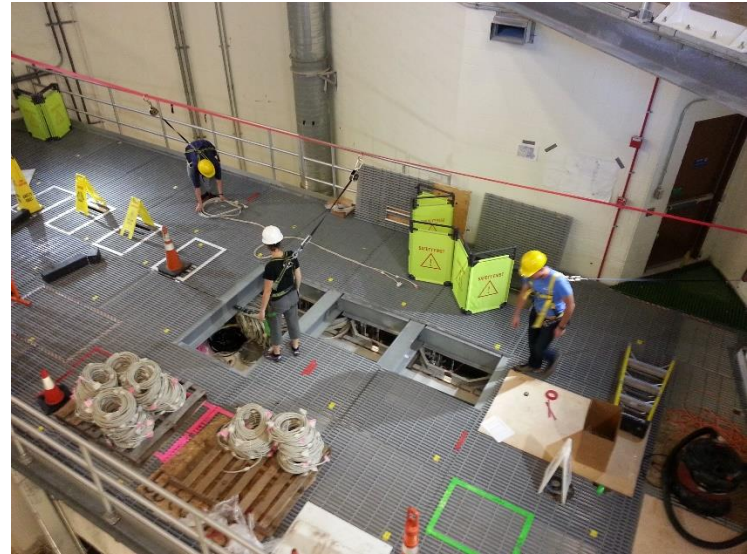
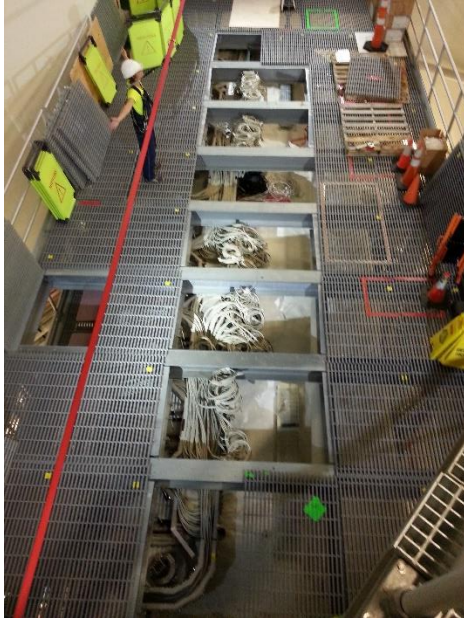
Installation at LArTF - August

- ❑ Bring the Platform back in
 - Guardrails, decking
 - Has cable trays attached, for detector readout & control
 - Cable tray prep work
 - Connecting sections
 - Line with ground shield



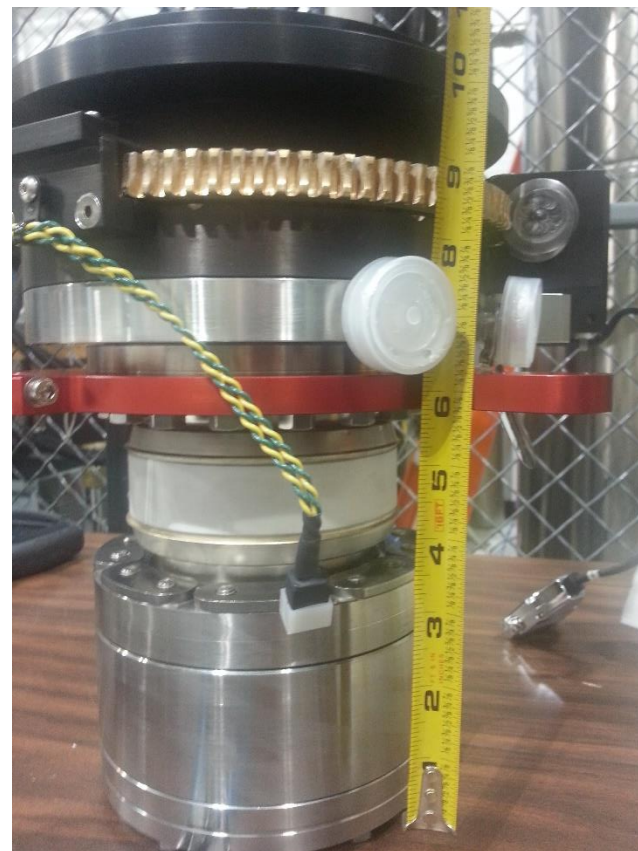
LArTF Installation – early September

- Install cables into tray
 - Below the platform
 - We do this before the racks come in
 - Completed!



LArTF Installation – next steps

- ❑ Laser calibration system
 - Maps the TPC electric field
 - This week and next, by Bern collaborators
 - Apparatus is installed onto and into the cryostat – more below-the-Platform work
 - Box holding the laser sits on a pre-mounted table
 - Mirror and support system hangs from the apparatus attached to a flange



LArTF Installation – next steps

❑ Readout Racks

- Staged now at DAB – get pORC
- Begin moving these to LArTF late this month
- Electrical hookup, cabling

❑ More piping

- A few pipes are located under the platform – one is in place
- Most piping installation follows after the detector below-platform work
 - From the 3rd week of September onward
- Some technicians called up for Shutdown work
 - We adapt our plans to compensate where we can

Piping staged at Lab F



Installed at LArTF

